

ISMV INDOOR MOTIONVIEWER

ISMV

The ISMV is a motion activated, battery powered, wireless indoor video camera. It can also be activated by user request. The ISMV is designed for use with a Videofied® security system.

The ISMV has a built in with digital camera as well as a dual element passive infrared motion detector.

The detector is powered by three CR123A Lithium batteries for up to four years of battery life depending on the detector activity.

When the alarm system is armed and a motion is detected, the ISMV sends a signal and the camera is enabled for a 10 second video. That video is transmitted through the panel to the monitoring center.

In addition, the end user will be able to request a “live” video from every ISMV in his Videofied® system. Following that request, the ISMV enables its camera and streams in real time the video to the panel. The user immediately receives the video flux on his smartphone.

The detector also transmits a supervision signal every eight minutes. That signal contains technical data and the camera status.



- Wireless technology for optimal security
- Colour video day and night
- White LED for night vision
- Superior motion coverage lens
- Wall and cover tamper
- Powered by 3 Lithium CR123A batteries for extended autonomy
- Video capture and transmission in «streaming mode» on user request
- Pet immune up to 36 kg

FEATURES & BENEFITS

1. S2 VIEW® radio protocol.
2. AES encrypted wireless system.
3. Bidirectional radio link between the panel and the devices.
4. CMOS camera sensor with 90° lens.
5. Night vision thanks to white LED.
6. Dual-element, passive infrared with Fresnel lens for up to 40 ft./12 m wide, 90° coverage pattern.
7. Camera records colour during the day and at night.
8. Dual tamper: wall and cover tamper.
9. CR123A Lithium batteries. Four years battery life depending on the detector activity and the environmental properties.

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ELECTRICAL PROPERTIES	
PANEL COMPATIBILITY	
STREAMING OPTION	W PANELS
WITHOUT STREAMING OPTION	XL, XT AND W
BATTERY	3 CR123A 3V Lithium batteries
NOMINAL VOLTAGE	3 V
LOW BATTERY TRESHOLD	2,7 V
ESTIMATED BATTERY LIFE	4 YEARS
CURRENT CONSUMPTION	
STANDBY (1H AVERAGE)	54 µA
MAX	300 mA
RADIO PROPERTIES	
SYNCHRONOUS TIME DIVISION DUPLEX RADIO PROTOCOL	
RADIO TYPE	RF BIDIRECTIONAL
OPERATING FREQUENCY	868MHz (EUROPE, AFRICA, ASIA)
TRANSMISSION SECURITY	AES ALGORITHM ENCRYPTION
SUPERVISION	RADIO, BATTERIES, TAMPER
RADIO ANTENNA	INTEGRATED
VIDEO PROPERTIES	
CAMERA	
ANGLE	90°
SENSOR TYPE	CMOS
DAY LIGHT VIDEO	COLOUR
NIGHT VISION VIDEO	COLOUR
ILLUMINATION	AUTOMATIC WITH A WHITE LED
ILLUMINATION DISTANCE	7M
VIDEO	
VIDEO FORMAT	MPEG (ENCODING H264)
FRAMERATE	5 IMAGES PER SECOND
RESOLUTION	QVGA (320X240)
VIDEO FILE SIZE	256 kB (Typ.)

DETECTION PROPERTIES	
INFRARED DETECTION SPECIFICATIONS	
TECHNOLOGY	PASSIVE-INFRARED DSP
TYPE	DUAL ELEMENT SENSOR
LENS	FRESNEL
DETECTION ANGLE	90°
DETECTION RANGE	UP TO 12 M
INITIALIZATION TIME	1 min 30 sec
RECOVERY TIME	90 SECONDS
PET IMMUNITY	UP TO 36KG AT LOW SENSITIVITY
TAMPER DETECTION	COVER AND WALL TAMPER, ELECTROMAGNETIC IMMUNITY
BOX	
PHYSICAL PROPERTIES	
MATERIAL	ABS UL94-V0
DIMENSIONS	54 x 49 x 111 mm
WEIGHT	165g
ENVIRONMENTAL PROPERTIES	
OPERATING TEMPERATURE	-10°/+55°C
MAX RELATIVE HUMIDITY	75%, WITHOUT CONDENSING
PROTECTION MARKING	IP30/IK04
INSTALLATION / MOUNTING	
MOUNTING HEIGHT	2,10M TO 2.7M (TYP. 2.3M)
WALL MOUNTING	2 SCREWS (FLAT WALL OR CORNER)
BOX SEALING	WITH SCREW
STANDARDS AND CERTIFICATIONS	
ISMV 210	868MHz
COMPLIANT WITH DIRECTIVE 2014/53/EU FOR RED - RADIO EQUIPMENT DIRECTIVE	
MARQUE COMMERCIALE	VIDEOFIED
RÉFÉRENCE PRODUITS	ISMV 210

CERTIFICATION ORGANISATION : CNPP CERT.

ROUTE DE LA CHAPELLE RÉANVILLE CS22265
F-27950 SAINT MARCEL
TEL : +33(0)2.32.53.63.63
FAX: +33(0)2.32.53.64.46
SITES INTERNET : WWW.CNPP.COM
EMAIL : CERTIFICATION@CNPP.COM

CERTIFICATION ORGANISATION : AFNOR CERTIFICATION

11, RUE FRANÇOIS DE PRESSENSÉ
93571 SAINT DENIS LA PLAINE CEDEX
TEL : +33(0)1.41.62.80.00
FAX: +33(0)1.49.17.90.00
SITES INTERNET : WWW.MARQUE-NF.COM
E-MAIL : CERTIFICATION@AFNOR.ORG



For more information
resideo.com

RSI Video Technologies

25, rue Jacobi-Netter
67200 Strasbourg,
France
Phone: 33-3-90-20-66-30

Doc | Rev01 | 09/21
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